package com.Company.Lockers;

import java.io.File;

import java.io.FileWriter;

import java.io.IOException;

import java.util.Scanner;

public class LockerDetails {

static final String Projectpath="C:\\PHASE1 JAVA PROJECT\\CompanyLockers\\simplilearn student";

public static void main(String[] args) throws IOException

{

Scanner Obj=new Scanner(System.in);

int ch;

do

{

displayMenu();

System.out.println("Enter your choice");

ch=Integer.parseInt(Obj.nextLine());

switch(ch)

{

case 1:getallfiles();

break;

case 2:createfile();

break;

case 3:deletefiles();

break;

case 4:searchfiles();

break;

case 5:System.exit(0);

break;

default:System.out.println("invalid option");

break;

}

Obj.next();

}

while(ch>0);

}

public static void displayMenu()

{

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\t\tWELCOME TO COMPANY LOCKERS --Locked Me.Com\t\t");

System.out.println("\t\t Developer Name:Meghana\t\t");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\t\t1.Displaying all the files");

System.out.println("\t\t2.Adding files to the existing directory");

System.out.println("\t\t3.Deleting the file");

System.out.println("\t\t4.Searching the file");

System.out.println("\t\t5.Exit");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

}

public static void getallfiles()

{

File[] listoffiles=new File(Projectpath).listFiles();

if(listoffiles.length==0)

System.out.println("No files exist in the directory");

else

{

for(var l:listoffiles)

{

System.out.println(l.getName());

}

}

}

public static void createfile() throws IOException

{

try

{

Scanner obj=new Scanner(System.in);

String fileName;

int linesCount;

System.out.println("Enter the filename");

fileName=obj.nextLine();

System.out.println("Enter how many line you want to add in the file");

linesCount=Integer.parseInt(obj.nextLine());

FileWriter fw=new FileWriter(Projectpath+"\\"+fileName);

for(int i=1;i<=linesCount;i++)

{

System.out.println("Enter the content");

fw.write(obj.nextLine()+"\n");

}

System.out.println("File is created successfully");

fw.close();

}

catch(Exception ex)

{

System.out.println("some error occured");

}

}

public static void deletefiles()

{

Scanner obj=new Scanner(System.in);

try

{

String fileName;

System.out.println("Enter the filename to be deleted");

fileName=obj.nextLine();

File fileName1=new File(Projectpath+"\\"+fileName);

if(fileName1.exists())

{

fileName1.delete();

System.out.println("File deleted successfully");

}

else

{

System.out.println("file do not exists");

}}

catch(Exception ex)

{

System.out.println("Exception error");

}

}

public static void searchfiles()

{

//search Files

Scanner obj=new Scanner(System.in);

try

{

String fileName;

System.out.println("Enter the filename to be searched");

fileName=obj.nextLine();

File fileName1=new File(Projectpath+"\\"+fileName);

if(fileName1.exists())

{

System.out.println("File searched successfully");

}

else

{

System.out.println("file do not exists");

}}

catch(Exception ex)

{

System.out.println("Exception error");

}

}

}